# Product datasheet

Specifications



## APC Back-UPS 750VA, 230V, AVR, IEC Sockets

BX750MI

## Main

| | |
|---|---|
| **Main input voltage** | 230 V AC 1 phase |
| **Input connection** | IEC 60320 C14 |
| **Cos phi** | 0.63 |
| **Plug standard** | C14 |
| **Efficiency at full load** | 140...300 V |
| **Input frequency** | 50/60 Hz +/- 5 Hz auto-sensing |
| **Rated power in W** | 410 W |
| **Rated power in VA** | 750 VA |
| **Output connection** | 4 IEC 60320 C13 |
| **Type of USB power supply** | None |
| **Maximum configurable power in VA** | 750 VA |
| **Maximum configurable power in W** | 410 W |
| **Transfer time** | 6 ms typical : 10 ms maximum |
| **UPS topology** | Line interactive |
| **Waveform type** | Stepped approximation to a sinewave |
| **Full load runtime** | 00:01:00 390 W |
| **Half load runtime** | 00:08:30 195 W |
| **Output frequency** | 50/60 Hz +/- 1 Hz sync to mains |

## Graphs

| | |
|---|---|
| **Run Time** | View Runtime Graph |
| **Efficiency** | View Efficiency Graph |

## Complementary

| | |
|---|---|
| **Battery capacity** | 7.0 Ah |
| **Battery type** | Lead-acid internal included |
| **Control panel** | LED Status display with on line : on battery |
| **Software Compatibility** | SmartConnect |
| **UPS connectivity** | USB port |
| **Surge energy rating** | 273 J |
| **Cable length** | 1.2 m |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Number of cables** | 1 |
| **Color** | Black |
| **Height** | 160 mm |
| **Width** | 120 mm |
| **Depth** | 355 mm |
| **Product weight** | 5.4 kg |
| **Mounting preference** | No preference |
| **Mounting mode** | Not rack-mountable |
| **Two post mountable** | 0 |
| **USB compatible** | Yes |
| **Mounting mode** | Tower |
| **Number of power module filled slots** | 0 |
| **Number of power module free slots** | 0 |
| **Redundant** | No |
| **Range of product** | Back-UPS |
| **Product or component type** | Uninterruptible power supply (UPS) |

## Environment

| | |
|---|---|
| **Product certification** | CE<br>CB<br>EAC |
| **Standard** | EN/IEC 62040-1:2019/A11:2021<br>EN/IEC 62040-2:2006/AC:2006<br>EN/IEC 62040-2:2018 |
| **Ambient air temperature for operation** | 0…40 °C |
| **Ambient air temperature for storage** | -15…40 °C |
| **Storage altitude** | 0…3000 m |
| **IP protection** | IP20 |
| **Relative humidity** | 0…95 % non-condensing |
| **Storage relative humidity** | 0…95 % non-condensing |
| **Acoustic level** | 40 dBA |
| **Operating altitude** | 0...3000 m |

## Batteries & Runtime

| | |
|---|---|
| **Battery type** | Lead-acid battery |
| **Battery voltage** | 12 V |
| **Battery graph comment** | Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output. |
| **Extendable runtime** | 0 |
| **Included battery module** | 0 |
| **Empty battery slot** | 0 |
| **Typical recharge time** | 8 h |

| | |
|---|---|
| **Battery life** | 3…5 year(s) |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 25 cm |
| **Package 1 Width** | 43 cm |
| **Package 1 Length** | 19.7 cm |
| **Package 1 Weight** | 5.9 kg |
| **Unit Type of Package 2** | P12 |
| **Number of Units in Package 2** | 48 |
| **Package 2 Height** | 60 cm |
| **Package 2 Width** | 80 cm |
| **Package 2 Length** | 120 cm |
| **Package 2 Weight** | 295.200 kg |
| **SCC14** | 10731304410796 |
| **Pallet unit layers** | 12 |
| **Pallet layers** | 8 |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 24 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **210 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **57 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.6 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **152 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.5 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No** |
| SCIP Number | **Ec96232c-7000-4722-846e-a372cdfca8dc** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **62** |
| End of life manual availability | End of Life Information |
| Removable battery | **No** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |

Image of product / Alternate images

**Alternative**




